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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

COMMERCE *et al.*

Serial No.: 09/580,179

Filed: May 26, 2000



Examiner: J. Pasterczyk

Group Art Unit: 1755

For: CATALYST COMPRISING A TRIOCTAHEDRAL 2:1 PHYLLOSILICATE  
PREPARED IN A FLUORIDE MEDIUM AND A PROCESS FOR THE  
HYDROCONVERSION OF PETROLEUM FEEDS

REPLY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed July 18, 2002, please amend the above-identified application and consider the remarks which follow.

IN THE CLAIMS:

Please amend claims 1, 2, 3, 4, 6 and 8 as follows:

1. (Twice Amended) A catalytic composition, comprising a product resulting from bringing the following three constituents into contact in any order:

- a) a least one divalent nickel compound of the formula



where  $R_1$  is an alkyl, cycoalkyl, alkenyl, aryl, aralkyl or alkaryl radical containing up to 20 carbon atoms;

- b) at least one hydrocarbylaluminum dihalide with formula  $AIRX_2$ , where R is a hydrocarbyl radical containing 1 to 12 carbon atoms and X is a chlorine or bromine atom; and

- c) at least one organic Bronsted acid;

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PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number 09/580,179  
Filing Date May 26, 2000  
First Named Inventor COMMEREUC et al.  
Examiner Name J. Pasterczyk  
Group / Art Unit 1755  
Attorney Docket No. PET 1845

TOTAL AMOUNT OF PAYMENT (\$ 18

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

13-3402

Deposit  
Account  
Name

Millen, White, Zelano & Branigan, P.C.

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 0

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
21	-20**	1	18
Independent Claims	2	-3**	0
Multiple Dependent			0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 18

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_


\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Harry B. Shubin	Registration No. Attorney/Agent)	32,004	Telephone	(703)812-5306
Signature				Date	October 18, 2002

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